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(12) **United States Patent**
Yamauchi et al.(10) Patent No.: **US 6,527,018 B2**
(45) Date of Patent: **Mar. 4, 2003**(54) **METHOD AND SYSTEM FOR OPTIMIZING
BATCH PROCESS OF PREPARING
SOLUTION**

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FOREIGN PATENT DOCUMENTS(75) Inventors: Shingo Yamauchi, Kanagawa (JP);
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JP 7-198100 8/1995 F17D3/03(73) Assignee: Fuji Photo Film Co., Ltd., Kanagawa
(JP)**OTHER PUBLICATIONS**(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 34 days.

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(58) Field of Search 141/L, 4, 9, 83,
141/100-105; 430/347, 567(56) **References Cited****U.S. PATENT DOCUMENTS**

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11 Claims, 4 Drawing Sheets